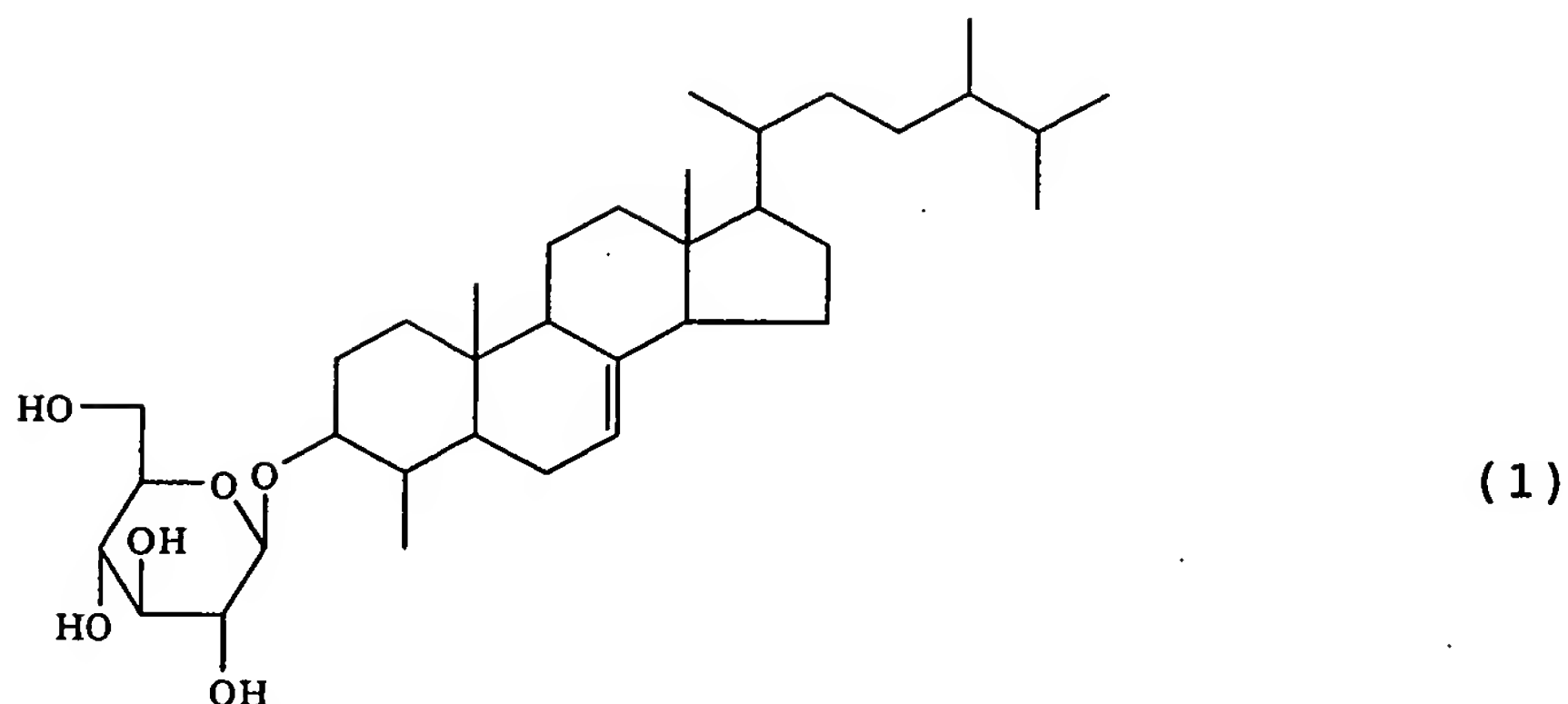


CLAIMS

1. A compound having the following chemical formula (1):



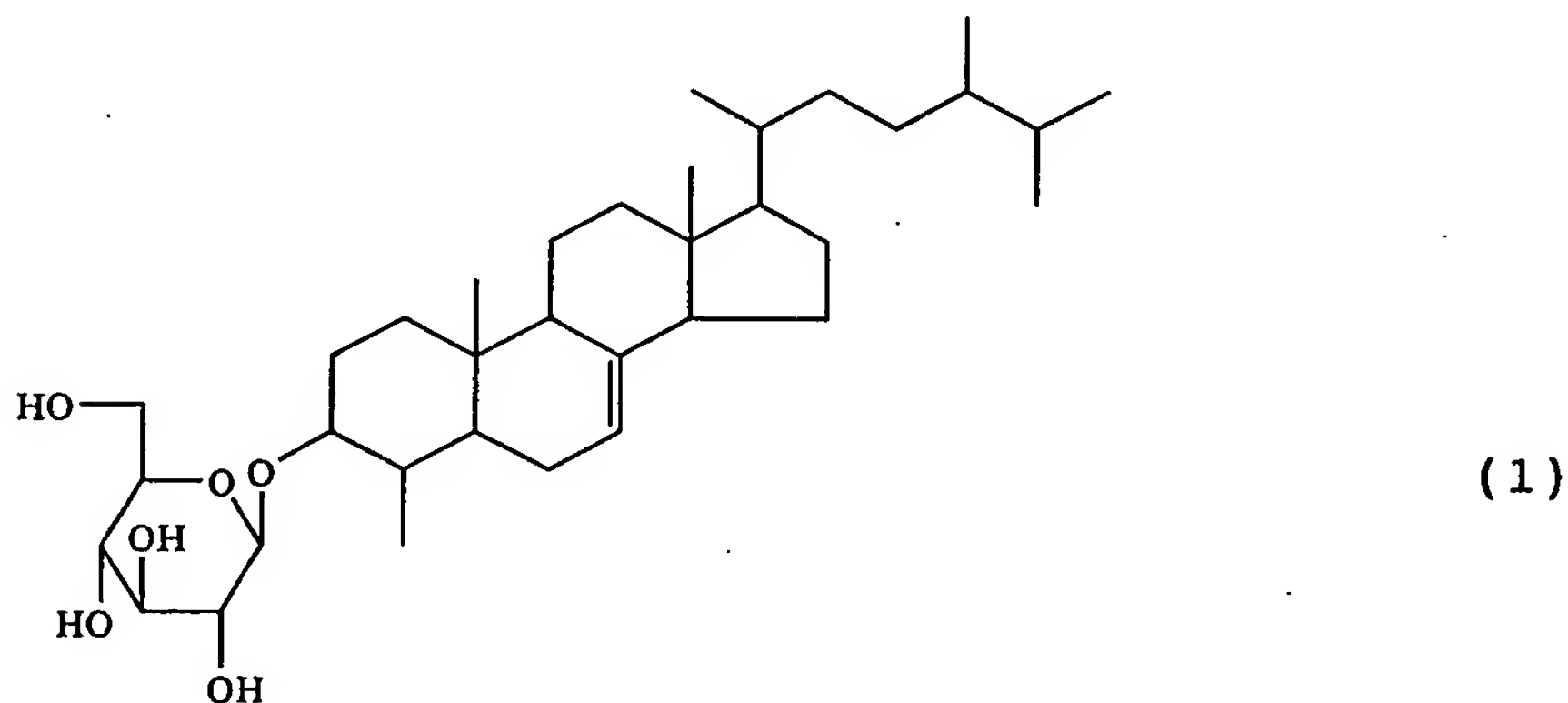
2. A composition containing 0.001% by dry mass or more of the compound according to claim 1.
3. The composition according to claim 2, which is an extract of a plant of the family *Liliaceae* or a fraction thereof.
4. The composition according to claim 3, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis* Miller).
5. A hyperglycemia improving agent, which contains the compound according to claim 1 or the composition according to any one of claims 2 to 4 as an active ingredient.
6. A drug containing the hyperglycemia improving agent according to claim 5.
7. Food or drink containing the hyperglycemia improving agent according to claim 5.
8. Food or drink containing the compound according to claim 1 or the composition according to any one of claims 2 to 4 as an active ingredient, having a hyperglycemia

improving effect, and attached with an indication that the food or drink is used for improvement of hyperglycemia.

9. A method for producing the compound according to claim 1 or a composition containing the compound, which comprises extracting a fraction containing the compound from a plant of the family *Liliaceae* and containing the compound according to claim 1, a part thereof or a disruption product thereof by using an organic solvent or hot water and concentrating the fraction.

10. The method according to claim 9, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis* Miller).

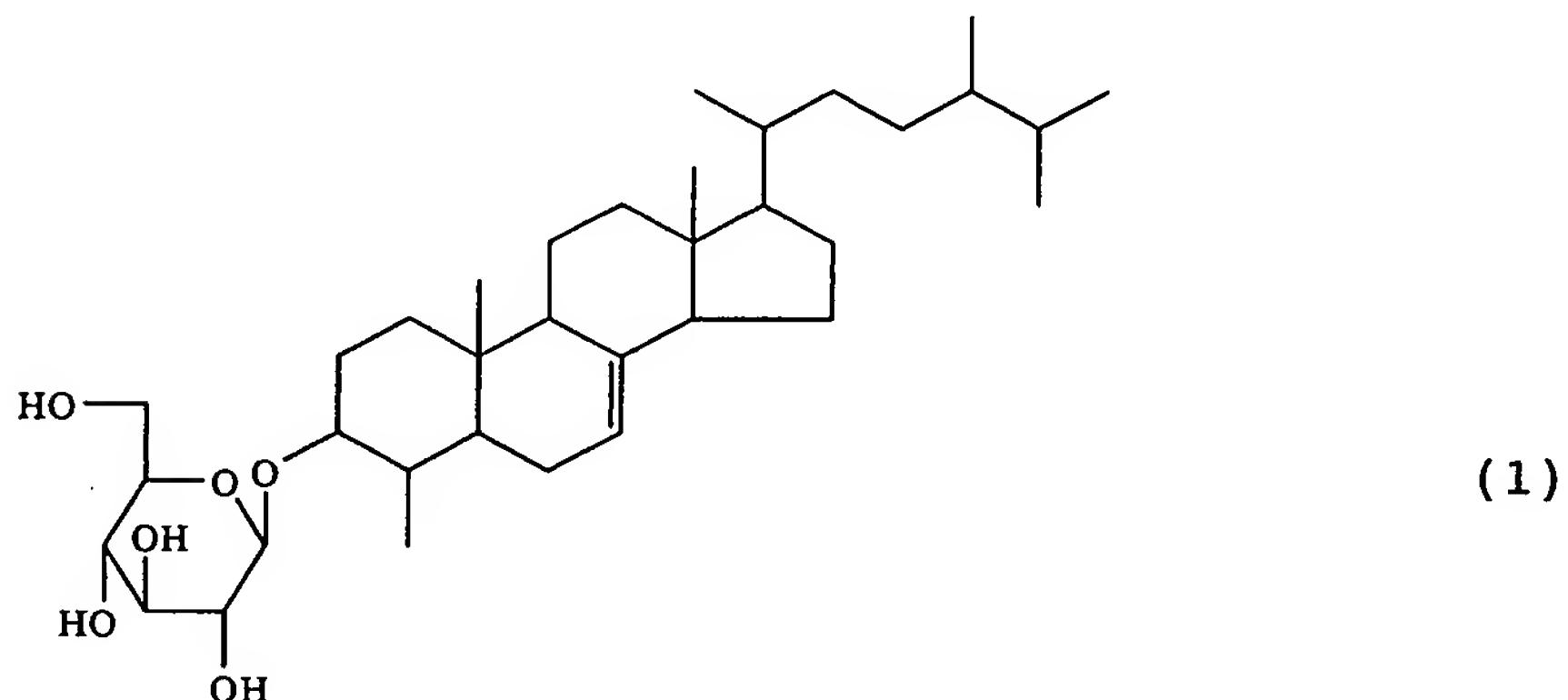
11. Use of a compound having a structure represented by the following chemical formula (1) or a composition containing the same for the production of a drug for improving hyperglycemia.



12. The use according to claim 11, wherein the composition is an extract of a plant of the family *Liliaceae* or a fraction thereof containing 0.001% by dry mass or more of the compound.

13. The use according to claim 12, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis* Miller).

14. A method for improving hyperglycemia, which comprises administering a compound having a structure represented by the following chemical formula (1) or a composition containing the same to a subject whose hyperglycemia is to be improved.



15. The method according to claim 14, wherein the composition is an extract of a plant of the family *Liliaceae* or a fraction thereof containing 0.001% by dry mass or more of the compound.

16. The method according to claim 15, wherein the plant of the family *Liliaceae* is Aloe vera (*Aloe barbadensis* Miller).